

# SEQUENCE LISTING

<110> DRAKE, Caroline Rachel  
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 SHIPTON, Catherine Ann

<120> Enhanced Accumulation of Carotenoids in Plants

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Ala Val Ile Ser Ser Glu Gln Lys Val Tyr Asp Val Val Leu Lys Gln  
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 <211> 1479  
 <212> DNA  
 <213> *Erwinia* sp.

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 <211> 1488  
 <212> DNA  
 <213> Erwinia sp.

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 <211> 839  
 <212> DNA  
 <213> Oryza sp.

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 gtgacacatg acaaatacaca gactcaagca agataaagca aaatgatgtg tacataaaac 480  
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 aaaaattcat ttgcctttcg tgtcaaaaag aggagggtt tacattatcc atgtcatatt 600  
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 ggacattaac aaactctatc ttaacattta gatgcaagag cctttatctc actataaatg 780  
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<210> 21  
 <211> 642  
 <212> DNA  
 <213> Oryza sp.

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 aacgtataaa gtgagcgatg agtcatatca ttatctcccg cctgctaacc atcgtgtaca 480  
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<211> 190  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Intron

<400> 22  
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<210> 23  
<211> 171  
<212> DNA  
<213> Pisum sativum

<400> 23  
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gtcaacactg acattacttc cattacaagc aatggtggaa gagtaaagtg c 171

<210> 24  
<211> 254  
<212> DNA  
<213> Agrobacterium tumefaciens

<400> 24  
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gcgatagaaa acaaaaatata gcgcgcaaac taggataaat tatcgcgcg cgtgtcatct 240  
atgttactag atcg 254

<210> 25  
<211> 193  
<212> DNA  
<213> Cauliflower mosaic virus

<400> 25

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acccttagta tgtatttgta tttgtaaaat acttctatca ataaaatttc taattcctaa	180
aaccaaaatc cag	193

<210> 26  
 <211> 238  
 <212> DNA  
 <213> Solanum tuberosum

<400> 26	
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ttactaatta tctgaataag agaaagagat catccatatt tcttatccta aatgaatgtc	180
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<210> 27  
 <211> 2321  
 <212> DNA  
 <213> Lycopersicon esculentum

<400> 27	
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 <212> DNA  
 <213> Capsicum annuum

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tcgttatgtt ttggtggtag tgactcaatg agtcataggt taaagattcg taatccccat	180



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<210> 29  
 <211> 2264  
 <212> DNA  
 <213> Zea mays

<400> 29

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 <211> 2027  
 <212> DNA  
 <213> *Oryza* sp.

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